



Attorney Docket No.: 5808.200-US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Martin Lehmann

Confirmation No: 4209

Serial No.: 09/488,265

Group Art Unit: 1652

Filed: January 20, 2000

Examiner: D. Ramirez

For: Improved Phytases

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AMENDMENT UNDER 37 C.F.R. 1.111

Commissioner for Patents
Washington, DC 20231

Sir:

In response to the Office Action mailed July 11, 2002, please amend the above-identified application as follows (a marked up version pursuant to 37 C.F.R. 1.21 is attached hereto):

IN THE SPECIFICATION:

Please delete the previously submitted Sequence Listing and insert the attached Sequence Listing (pages 1-112) at the end of the specification.

IN THE CLAIMS:

Please substitute the following amended claims for the pending claims having the same claim numbers:

15. A phytase comprising an amino acid sequence which is at least 93.80% identical to the sequence of amino acid residues 1-467 of SEQ ID NO: 26, wherein the % identity is determined by GAP provided in the GCG program package using a length weight of 0 and a gap weight of 3.

D² 16. A phytase that is encoded by a DNA sequence that is at least 95.88% identical to nucleotides 12-1412 of the DNA sequence of SEQ ID NO: 25, wherein the % identity is determined by GAP provided in the GCG program package using a gap creation penalty of 50 and a gap extension penalty of 3.